

**ABSTRACT OF THE DISCLOSURE**

**APPARATUS AND METHOD OF GENERATING AN XML SCHEMA TO VALIDATE  
AN XML DOCUMENT USED TO DESCRIBE NETWORK PROTOCOL PACKET  
EXCHANGES**

5

10 A method, system and apparatus for generating an XML  
schema are provided. To generate the schema, transition  
states of the packets have to first be identified. Then,  
based on the transition states to investigate, the schema  
may be generated. The schema contains all the rules and  
definitions needed for validating an XML document.